

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Papelication No.: 10/777,411

Confirmation No.: 4318

Filing Date: February 12, 2004

Inventors:

Gordon et al.

Title:

ARTIFICIAL SPINAL UNIT

ASSEMBLIES

Examiner:

Unknown

Art Unit:

3732

Atty. Dkt. No.:

5943-00300

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

DATE OF DEPOSIT:

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Actua

# INFORMATION DISCLOSURE STATEMENT

MS: Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

It is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 (USP001-USP064, USRE001-USRE002, USPA001-USPA041, FP001-FP005, RA01-RA02, RA04, and OA01) be considered by the Examiner and made of record. Copies of the listed non-U.S. patent documents are enclosed for the convenience of the Examiner.

Should any fees be required, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin,

Kowert & Goetzel, P.C. Deposit Account No. 50-1505/5943-00300/EBM.

Respectfully submitted,

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### **U.S. PATENT DOCUMENTS**

C.S. TATENT DOCUMENTS							
REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
USP001	4611581	09/16/1986	Steffee				
USP002	4696290	09/29/1987	Steffee				
USP003	4854311	08/08/1989	Steffee				
USP004	4863477	09/05/1989	Monson				
USP005	4946458	08/07/1990	Harms et al.				
USP006	5042982	08/27/1991	Harms et al.				
USP007	5092867	03/03/1992	Harms et al.				
USP008	5192326	03/09/1993	Bao et al.				
USP009	5196013	03/23/1993	Harms et al.				
USP010	5207678	05/04/1993	Harms et al.				
USP011	5261909	11/16/1993	Sutterlin et al.				
USP012	5314477	05/24/1994	Marnay				
USP013	5443467	08/22/1995	Biedermann et al.				
USP014	5498263	03/12/1996	DiNello et al.				
USP015	5545165	08/13/1996	Biedermann et al.			-	
USP016	5672176	09/30/1997	Biedermann et al.				
USP017	5725527	03/10/1998	Biedermann et al.				
USP018	5782832	07/21/1998	Larsen et al.				
USP019	5810819	09/22/1998	Errico et al.				
USP020	5961518	10/05/1999	Errico et al.				
USP021	5997539	12/07/1999	Errico et al.				
USP022	6102950	08/15/2000	Vaccaro				
USP023	6017344	01/25/2000	Errico et al.				
	DES. USP001 USP003 USP005 USP006 USP007 USP008 USP010 USP011 USP012 USP013 USP014 USP015 USP016 USP016 USP017 USP016 USP017 USP018 USP018 USP019	REF. DES.       DOCUMENT NUMBER         USP001       4611581         USP002       4696290         USP003       4854311         USP004       4863477         USP005       4946458         USP006       5042982         USP007       5092867         USP008       5192326         USP010       5207678         USP011       5261909         USP012       5314477         USP013       5443467         USP014       5498263         USP015       5545165         USP016       5672176         USP017       5725527         USP018       5782832         USP019       5810819         USP020       5961518         USP021       5997539         USP022       6102950	REF. DES.         DOCUMENT NUMBER         DATE           USP001         4611581         09/16/1986           USP002         4696290         09/29/1987           USP003         4854311         08/08/1989           USP004         4863477         09/05/1989           USP005         4946458         08/07/1990           USP006         5042982         08/27/1991           USP007         5092867         03/03/1992           USP008         5192326         03/09/1993           USP009         5196013         03/23/1993           USP010         5207678         05/04/1993           USP011         5261909         11/16/1993           USP012         5314477         05/24/1994           USP013         5443467         08/22/1995           USP014         5498263         03/12/1996           USP015         5545165         08/13/1996           USP016         5672176         09/30/1997           USP017         5725527         03/10/1998           USP019         5810819         09/22/1998           USP020         5961518         10/05/1999           USP021         5997539         12/07/1999           US	DES.         USP001         4611581         09/16/1986         Steffee           USP002         4696290         09/29/1987         Steffee           USP003         4854311         08/08/1989         Steffee           USP004         4863477         09/05/1989         Monson           USP005         4946458         08/07/1990         Harms et al.           USP006         5042982         08/27/1991         Harms et al.           USP007         5092867         03/03/1992         Harms et al.           USP008         5192326         03/09/1993         Bao et al.           USP009         5196013         03/23/1993         Harms et al.           USP010         5207678         05/04/1993         Harms et al.           USP011         5261909         11/16/1993         Sutterlin et al.           USP012         5314477         05/24/1994         Marnay           USP013         5443467         08/22/1995         Biedermann et al.           USP014         5498263         03/12/1996         DiNello et al.           USP015         5545165         08/13/1996         Biedermann et al.           USP016         5672176         09/30/1997         Biedermann et al.	REF. DES.         DOCUMENT NUMBER         DATE         NAME         CLASS           USP001         4611581         09/16/1986         Steffee         ————————————————————————————————————	REF. DES.         DOCUMENT NUMBER         DATE         NAME         CLASS         SUB CLASS           USP001         4611581         09/16/1986         Steffee         ————————————————————————————————————	

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DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

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Information Disclosure Statement--PTO 1449 (modified)

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# **U.S. PATENT DOCUMENTS**

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
11111.	USP024	6063089	05/16/2000	Errico et al.		CLASS	
	USP025	6106526	08/22/2000	Harms et al.			
	USP026	6113637	09/05/2000	Gill et al.			
	USP027	6132464	10/17/2000	Martin	_		
	USP028	6217579	· · · · · · · · · · · · · · · · · · ·				-
	USP028		04/17/2001	Koros			
		6375682	04/23/2002	Fleischmann et al.	_	<del></del> -	
	USP030	6413259	07/02/2002	Lyons et al.	_		
	USP031	6419704	07/16/2002	Ferree			
	USP032	6443990	09/03/2002	Aebi et al.			
	USP033	6447544	09/10/2002	Michelson			
	USP034	6451021	09/17/2002	Ralph et al.			
	USP035	6454806	09/24/2002	Cohen et al.			
	USP036	6478823	11/12/2002	Michelson			
	USP037	6482207	11/19/2002	Errico			
	USP038	6500205	12/31/2002	Michelson		-	
	USP039	6533818	03/18/2003	Weber et al.			
-	USP040	6540748	04/01/2003	Lombardo		•	
	USP041	6558423	05/06/2003	Michelson			
	USP042	6562074	05/13/2003	Gerbec et al.			
	USP043	6565605	05/20/2003	Goble et al.			
_	USP044	6569442	05/27/2003	Gan et al.			
	USP045	6579318	06/17/2003	Varga et al.			
	USP046	6579319	06/17/2003	Goble et al.			
	USP047	6582467	06/24/2003	Teitelbaum et al.			
	USP048	6610091	08/26/2003	Reiley			
	USP049	6648893	11/18/2003	Dudasik			
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EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	USP050	6679915	01/20/2004	Cauthen			
	USP051	6685742	02/03/2004	Jackson		<del></del>	
_	USP052	6706070	03/16/2004	Wagner et al.		· · · · · · · · · · · · · · · · · · ·	
	USP053	6811567	11/02/2004	Reiley		,	
	USP054	6648917	11/18/2003	Gerbec et al.			
	USP055	6852129	02/08/2005	Gerbec et al.			
	USP056	6863673	03/08/2005	Gerbec et al.			
	USPO57	6562074	05/13/2003	Gerbec et al.			
	USP058	6045579	04/04/00	Hochschuler et al.			
	USP059	6616671	09/09/03	Landry et al.			
	USP060	6576016	06/10/03	Hochschuler et al.			
	USP061	6080193	06/27/00	Hochschuler et al.			
	USP062	6045579	04/04/00	Hochschuler et al.			
	USP063	6706070	03/16/04	Wagner et al.			
	USP064	6641614	11/04/03	Wagner et al.			
	USRE001	RE36758	06/27/2000	Fitz			
	USRE002	RE37665	04/16/2002	Ralph et al.			
	USPA001	20010020476	09/13/2001	Gan et al.			
	USPA002	20020065557	05/30/2002	Goble et al.			
	USPA003	20020123806	09/05/2002	Reiley			
	USPA004	20020128659	09/12/2002	Michelson			
	USPA005	20030028250	02/06/2003	Reiley et al.			
	USPA006	20030069643	04/10/2003	Ralph et al.			
	USPA007	20030074066	04/17/2003	Errico et al.			
	USPA008	20030074067	04/17/2003	Errico et al.			
_	USPA009	20030074068	04/17/2003	Errico et al.		-	

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	USPA010	20030074069	04/17/2003	Errico et al.			
•	USPA011	20030074070	04/17/2003	Errico et al.		<u> </u>	
· · ·	USPA012	20030074071	04/17/2003	Errico et al.			<u>.</u>
	USPA013	20030074072	04/17/2003	Errico et al.			
	USPA014	20030074073	04/17/2003	Errico et al.		· · · · · · · · · · · · · · · · · · ·	
	USPA015	20030074074	04/17/2003	Errico et al.			
	USPA016	20030135275	07/17/2003	Garcia et al.			
	USPA017	20030139812	07/24/2003	Garcia et al.			
	USPA018	20030204259	10/30/2003	Goble et al.			
	USPA019	20030233145	12/18/2003	Landry et al.		241.4	
	USPA020	20040006391	01/08/2004	Reiley			
	USPA021	20040044411	03/04/2004	Suddaby			
	USPA022	20040049190	03/11/2004	Biedermann et al.			
	USPA023	20040049272	03/11/2004	Reiley			
	USPA024	20040049273	03/11/2004	Reiley			
-	USPA025	20040049274	03/11/2004	Reiley		•	
	USPA026	20040049275	03/11/2004	Reiley		<u>.</u> .	
	USPA027	20040049276	03/11/2004	Reiley			
	USPA028	20040049277	03/11/2004	Reiley			
	USPA029	20040049278	03/11/2004	Reiley			
	USPA030	20040049280	03/11/2004	Cauthen			
	USPA031	20040049281	03/11/2004	Reiley			
	USPA032	20040127989	07/01/2004	Dooris et al.			
	USPA033	20040167626	08/26/2004	Geremakis et al.			
	USPA034	20040254643	12/16/2004	Jackson			
	USPA035	20040254644	12/16/2004	Taylor			

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	USPA036	20040267364	12/30/2004	Carli et al.			
	USPA037	20040267369	12/30/2004	Lyons et al.		-	
	USPA038	20050010295	01/13/2005	Michelson			
	USPA039	20050015146	01/20/2005	Louis et al.			
	USPA040	20050015149	01/20/2005	Michelson			
	USPA041	20050021144	01/27/2005	Malberg et al.			
	RA01	20050033439	02/10/2005	Gordon et al.			
	RA02	20050033431	02/10/2005	Gordon et al.			

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# Form PTO-1449 (modified)

List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

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# FOREIGN PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	FP001	2004019762	03/11/2004	WO			
	FP002	2004019828	03/11/2004	WO			Abstract
	FP003	2004019829	03/11/2004	WO			
	FP004	2004019830	03/11/2004	WO			
	FP005	2004024011	03/25/2004	WO			Abstract

# OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		1
RA04	Claims from U.S. Patent Application No. 11/050,632 to Gordon et al. entitled "Functional Spinal Units" filed on February 3, 2005.	
OA01	Invitation To Pay Additional Fees From the International Searching Authority for PCT/US2004/025090 mailed on December 7, 2004 (8 pages).	

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